

Certificate of Analysis

Date of Testing: 2024-07-18 15:59:38
Date of Next Testing: 2026-07-08 15:59:38
Product Name: **Cerium(III) iodide**
CAS Number: 7790-87-6
Specifications & Purity: anhydrous, powder, $\geq 99.9\%$
Lot #: G2412158
SKU #: **C119183**
Version: **3**
Analysis #: **382311**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.90%
Trace Rare Earth Analysis	0-1000 (ppm)	1000.00 ppm
Water by Karl Fischer	0-100 (ppm)	10.00 ppm
Complexometric EDTA (% Ce)	26.5-27.3 (%)	26.63%
Appearance (C119183)	Yellow to Green Powder	Yellow to Brown to Green Powder
ICP: Confirms Cerium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager